

[Fig. 1]

12: RF amplifier
13: Mixer
14: Local oscillator
15a: Tuner
16: IF amplifier
17: SAW filter
18: Detector
19: AGC circuit
20: Video signal processing portion
22: Microcomputer
25: Operation console
29: Switch circuit

[Fig. 2]

A: Channel setting
S2: Is channel number set?
S4: Turn off the booster
S6: Reset flag
S8: Set channel reference frequency
S10: Tuning operation
S12: Is booster on?
S14: Is setting button operated?
S16: Memorize channel number, channel frequency and flag state
S18: Turn on flag

S20: Tuning operation

S22: Is setting button operated?

B: Return

[Fig. 3]

A: Channel number

B: Flag state

0: OFF

1: ON

[Fig. 4]

A: Channel automatic setting

S24: Set minimum channel number

S26: Turn off the booster

S28: Reset flag

S30: Set channel reference frequency

S32: Tuning operation

S34: Is RF signal at predetermined level or greater?

S36: Memorize channel number, channel frequency and flag state

S38: Is the setting for all channel numbers completed?

S40: Set the next channel number

S42: Turn on flag

S44: Turn on flag

S46: Tuning operation

B: Return

[Fig. 5]

A: Channel selection

S50: Is channel number selected?

S52: Read channel frequency and flag state

S54: flag=0?

S56: Turn off booster

S58: Tuning operation

S60: Turn on booster

B: Return

[Fig. 6]

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